

## EAST Search History

L11	1036	9 and 10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:31
L12	30144	blue near7 (laser or wavelength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:31
L13	382	11 and 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:31
L14	29000	"1.2 mm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:32
L15	182	13 and 14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:32
L16	122932	recording near17 (capacity or storage or greater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:33
L17	119	15 and 16	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:33
L18	534	9 and 12	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:37
L19	147030	"430"/\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:37
L20	92	18 and 19	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:39

## EAST Search History

L21	857200	matsushita	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:39
L22	168195	wavelength near12 (blue or "4"\$2)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:49
L23	4598	21 and 22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:42
L24	714	6 and 23	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:42
L25	206	12 and 24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:42
L26	104	16 and 25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:42
L27	60	4 and 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:43
L28	5	"6392979"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:44
L29	1	"6246657".PN.	USPAT; USOCR	OR	ON	2006/09/05 14:44
L30	1	"6226233".PN.	USPAT; USOCR	OR	ON	2006/09/05 14:45
L31	1	"6194240".PN.	USPAT; USOCR	OR	ON	2006/09/05 14:45
L32	1	"5644584".PN.	USPAT; USOCR	OR	ON	2006/09/05 14:45
L33	1	"5499256".PN.	USPAT; USOCR	OR	ON	2006/09/05 14:45
L34	1	"6194240".PN.	USPAT; USOCR	OR	ON	2006/09/05 14:45
L35	1	"6226233".PN.	USPAT; USOCR	OR	ON	2006/09/05 14:46

## EAST Search History

L36	677	Yamamoto near2 Kazuhisa	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:46
L37	228	Kitaoka near2 Yasuo	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:48
L38	42	Tsujimura near2 Ayumu	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:48
L39	596	Kume near2 Masahiro	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:49
L40	1340	36 or 37 or 38 or 39	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:49
L41	204	22 and 40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:49
L42	141	12 and 41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:52
L43	12	6 and 42	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:50
L44	14	10 and 41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:51
S1	0	(10/128023).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/05 10:04

## EAST Search History

S2	1	10/128023	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:54
S3	3	"6449241"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 10:54
S4	1	"6345034".PN.	USPAT; USOCR	OR	ON	2006/09/05 10:55
S5	1	"5820961".PN.	USPAT; USOCR	OR	ON	2006/09/05 10:55
S6	1	"5777981".PN.	USPAT; USOCR	OR	ON	2006/09/05 10:56
S7	17	"5820961"	USPAT; USOCR	OR	ON	2006/09/05 10:56
S8	1	"6280808".PN.	USPAT; USOCR	OR	ON	2006/09/05 10:58
S9	1	"6245118".PN.	USPAT; USOCR	OR	ON	2006/09/05 11:01
S10	10032	pioneer	USPAT; USOCR	OR	ON	2006/09/05 11:01
S11	30144	blue near7 (laser or wavelength)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:31
S12	76	S10 and S11	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:02
S13	17431	dvd and thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:08
S14	22	S12 and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:02
S15	1	"6956322".PN.	USPAT; USOCR	OR	ON	2006/09/05 11:06
S16	1	"6901086".PN.	USPAT; USOCR	OR	ON	2006/09/05 11:06
S17	1	"6790695".PN.	USPAT; USOCR	OR	ON	2006/09/05 11:06
S18	30863	recording near9 thickness	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:08

## EAST Search History

S19	1629	S11 and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:08
S20	1874245	na or aperture	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:09
S21	1158	S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:11
S22	122932	recording near17 (capacity or storage or greater)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:32
S23	860	S21 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:12
S24	60	aperture near12 "0.6\$1"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:13
S25	0	S23 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:13
S26	19318	aperture near12 objective	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:28
S27	535	S23 and S26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 11:13
S28	29000	"1.2 mm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:32

## EAST Search History

S29	250	S27 and S28	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/05 14:23
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